



Flying Operations

C-5 SPECIAL OPERATIONS (SOLL II)

Hot Refueling (Cockpit Crew) Checklist Insert

This checklist establishes procedures for the operation of C-5 aircraft employed by Mobility Air Forces (MAF) to accomplish their worldwide missions. It does not apply to Air National Guard and US Air Force Reserve units.

This checklist complements AFI 11-2C-5V3, *C-5 Operations Procedures*, and is printed on standard 8 ½" x 11" bond paper then trimmed to a unique size 4 ½" x 6 ½" that will fit the standard plastic C-5 aircrew checklist binders. Units may request copies of this checklist printed on a water proof-based media (in the size outlined) from the OPR. This product reduces weight and eliminates the need for plastic inserts. Limit water proof copies to aircrew only for use in-flight and training purposes.

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PRE-HOT REFUELING UNKNEELING

1. "OFFLOAD COMPLETE, RAMP CLOSING, CLEAR TO UNKNEEL" (LM)
2. "PRE-HOT REFUELING UNKNEELING CHECKLIST" (E)
3. Kneel Select Switch - UNKNEEL (E)
4. Kneel Command Switch - "UNKNEEL" (E)
5. NLG - "UNKNEELED" (E)
6. MLG Caster Switch - "CENTER" (P)
7. Unkneeling Operations - "COMPLETED" (E)
8. Kneel Select Switch - OFF
9. Continuous Ignition - "OFF" (P)
10. Fuel and Start Ignition Switches- "AS REQUIRED" (P)
11. Pre-Hot Refueling Unkneeling Checklist - "COMPLETED" (E)

PRE-HOT REFUELING CHECKLIST

1. Crew Briefing - "COMPLETED" (P)
2. Radios and Navigation Equipment - "SET" (CP, P, N)
3. Hot Brake Check - "COMPLETED" (LS, RS)
4. Refueling Equipment - "POSITIONED" (LS, RS)
5. Refueling Nozzle - "CONNECTED AND CHECKED" (LT SPM, RT SPM)
6. FAM Cart (if used) - "SET" (LS, RS)
7. Fuel Management Panel - SET (E)
8. Leak Check - "COMPLETED" (LS, RS)
9. Fuel Management Panel - SET (E)
10. Pre-Hot Refueling Checks - "COMPLETED" (LS, RS, E)

HOT REFUELING CHECKLIST

1. Receivers - "READY" (LS, RS)
2. Fuel Management Panel - SET (E)
3. Fuel Offload - "COMPLETED" (LS, RS)
4. Boost Pumps - "OFF" (E)
5. Hot Refueling Checks - "COMPLETED" (LS, RS, E)

POST-HOT REFUELING CHECKLIST

1. Refuel/Fill Valves - AS REQUIRED (E)
2. Refueling Nozzle - "DISCONNECTED"
(LT SPM, RT SPM)
3. Ground Refuel Isolation Valves - DRAIN (Off after 8
minutes) (E)
4. Post-Hot Refueling Checks - "COMPLETED"
(LS, RS, E)

POST-HOT REFUELING KNEELING

1. "POST-HOT REFUELING CHECKLIST" - (E)
2. ATMs - AS REQUIRED
3. "VISOR CLEARED TO OPEN" (E)
4. MLG Caster Switch - "CASTER" (P)
5. Crew Entrance Door And Kneeling Configuration -
"COMPLETED, CLEAR TO KNEEL" (S)
6. Kneel Select Switch - "AS REQUIRED" (E)
7. Kneel Command Switch - "KNEEL" (E)
8. Nose Landing Gear - "KNEELED" (E)
9. Kneeling Operations - "COMPLETED" (E)
10. Post-Hot Refueling Kneeling Checklist -
"COMPLETED"(E)

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EMERGENCY PROCEDURES

FUEL SPILL/LEAK

1. Shut down refueling operation (HRS, SPM, E)
2. Determine cause of leak (HRS)
3. Repair or replace hose or nozzle (HDP, SPM)
4. If unrepairable, terminate refueling operation (HRS, P)
5. Soak up any fuel spill (HRS, HDP, SPM)

SAFETY CLEARANCE COMPROMISED

1. Shutdown refueling operation (HRS, E)
2. Correct unsafe condition (HRS)

**FIRST AID FOR PERSONNEL
SPRAYED WITH FUEL**

1. Immediately flood the contaminated area with large quantities of water and wash with soap, if possible.
2. Remove all contaminated clothing.
3. Continue irrigation of the contaminated area with water as long as burning persists.

FAM CART MALFUNCTION

1. Close emergency fuel valve by rotating the handle down (HRS)
2. Engine—Shutdown (HRS)
3. Close fuel control valves (HRS)
4. Close dry break coupling valves, disconnect hoses from FAM cart for FAM cart leak (HRS)
5. Soak up any fuel spill (HRS, HDP, SPM)

FIRE/EXPLOSION

1. Shut down refueling operation (HRS, E)
2. Disconnect refueling nozzle from tanker and receiver aircraft (SPM, HDP)
3. Move refuel hose away from tanker and receiver aircraft (SPM, HDP)
4. Unkneel aircraft and move it from area (HRS, E, P)

EMERGENCY FARP EGRESS CHECKLIST

1. Refueling Hoses and Equipment - "DISCONNECTED" (SPM)
2. Ground Clearance - "ALL CLEAR" (S)

EMERGENCY QUICK START CHECKLIST

1. Refueling Hoses and Equipment - "DISCONNECTED" (SPM)
2. Fuel Boost Pumps - AS REQUIRED
3. Clear to Start Engines - "ENGINES CLEAR TO START" (S)
4. Applicable Engines - "STARTING ENGINES _____ AND _____" (P)
5. Quick Start Checklist - "COMPLETED" (P, E, S)

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